



Welcome United States Patent and Trademark Office

[Search Session History](#)[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#)

Tue, 27 Sep 2005, 8:29:38 PM EST

Edit an existing query or  
compose a new query in the  
Search Query Display.

Search Query Display

Select a search number (#)  
to:

- Add a query to the Search Query Display
- Combine search queries using AND, OR, or NOT
- Delete a search
- Run a search

Recent Search Queries

#1 (cooper s. r.&lt;in&gt;au)

#2 (cooper s. w.&lt;in&gt;au)

#3 (((or(automobile,car,vehicle))&lt;paragraph&gt;(or (passenger,occup\*)) )&lt;in&gt;metadata)

#4 (((or(automobile,car,vehicle))&lt;paragraph&gt;(or (passenger,occup\*))&lt;paragraph&gt;(or (pattern,contour,edge\*,outline,silhouette)) )&lt;in&gt;metadata)

#5 (((or(automobile,car,vehicle))&lt;paragraph&gt;(or (passenger,occup\*))&lt;paragraph&gt;(or (pattern,contour,edge\*,outline,silhouette))&lt;paragraph&gt;(or(phase difference,modulat\*)) )&lt;in&gt;metadata)

#6 (((or(automobile,car,vehicle))&lt;paragraph&gt;(or (passenger,occup\*))&lt;paragraph&gt;(or (pattern,contour,edge\*,outline,silhouette))&lt;paragraph&gt;(or(phase difference,modulat\*)) )&lt;in&gt;metadata)

#7 (((or(automobile,car,vehicle))&lt;paragraph&gt;(or (passenger,occup\*))&lt;paragraph&gt;(or (pattern,contour,edge\*,outline,silhouette))&lt;paragraph&gt;(or(phase difference,modulat\*)) )&lt;in&gt;metadata)

Indexed by  
**Inspec**

[Help](#) [Contact Us](#) [Privacy & :](#)

© Copyright 2005 IEEE -

	Type	L #	Hits	Search Text	DBs
1	BRS	L1	47506	(vehicle or auto\$8 or van or truck) with (occup\$8 or passenger)	USPAT
2	BRS	L2	3338	1 and ((phase with difference) or modulat\$3)	USPAT
3	BRS	L3	41	1 and (passenger or occup\$8) same ((phase with difference) or modulat\$3) same (pattern or edge or contour or silhoutte outline)	USPAT
4	BRS	L4	5	1 and (passenger or occup\$8) same (phase with difference) same (pattern or edge or contour or silhoutte outline)	USPAT
5	BRS	L5	48	(passenger or occup\$8) same (phase with difference) same (pattern or edge or contour or silhoutte outline)	USPAT
6	BRS	L6	0	(passenger or occup\$8) same (reflect\$3 with (phase with difference)) same (pattern or edge or contour or silhoutte outline)	USPAT
7	BRS	L7	1	(passenger or occup\$8) same (reflect\$3 with (phase with difference)) same (pattern or edge or contour or silhoutte outline)	US-PGPUB
8	BRS	L8	1	(passenger or occup\$8) same ((reflect\$3 or emission) with (phase with difference)) same (pattern or edge or contour or silhoutte outline)	US-PGPUB
9	BRS	L9	0	(passenger or occup\$8) same ((reflect\$3 or emission) with (phase with difference)) same (pattern or edge or contour or silhoutte outline)	USPAT

	Type	L #	Hits	Search Text	DBs
10	BRS	L10	17	(passenger or occup\$8) same ((reflect\$3 or emission) with ((phase with difference)or modulat\$3)) same (pattern or edge or contour or silhoutte outline)	USPAT
11	BRS	L11	2	(passenger or occup\$8) same ((reflect\$3 or emission) with ((phase with difference)or modulat\$3)) same (pattern or edge or contour or silhoutte outline)	US- PGPUB
12	BRS	L12	49	(passenger or occup\$8) same ((reflect\$3 or emission) with ((phase with difference)or modulat\$3)) same (pattern or edge or contour or silhoutte outline)	USOCR; EPO; JPO; DERWEN T; IBM_TD B

<u>07982698</u>	<u>5296593</u>	250	11/30/1992	COMPLEXES OF THIOETHERS	COOPER, STEPHEN R.
<u>08090187</u>	Not Issued	166	07/23/1993	FLUORINATED COMPOUNDS AS OXYGEN TRANSPORT AGENTS	COOPER, STEPHEN R.
<u>08370239</u>	<u>5621144</u>	250	01/09/1995	FLUORINATED COMPOUNDS AS OXYGEN TRANSPORT AGENTS	COOPER, STEPHEN R.
<u>08433503</u>	<u>5817777</u>	150	05/12/1995	SUBSTITUTED CYCLOPENTANE COMPOUNDS FOR USE AS CHELATING AGENTS	COOPER, STEPHEN R.
<u>08481634</u>	<u>5592616</u>	150	06/07/1995	METHOD FOR PERFORMING EFFICIENT MEMORY TESTING ON LARGE MEMORY ARRAYS USING TEST CODE EXECUTED FROM CACHE MEMORY	COOPER, STEPHEN R.
<u>08504728</u>	<u>5641472</u>	150	07/20/1995	TUNGSTEN CLUSTERS	COOPER, STEPHEN R.
<u>08604285</u>	Not Issued	161	02/21/1996	MAGNETIC RESONANCE BLOOD POOL AGENTS	COOPER, STEPHEN R.
<u>08604286</u>	<u>5693308</u>	250	02/21/1996	MAGNETIC RESONANCE BLOOD POOL AGENTS BOUND TO HUMAN SERUM ALBUMIN	COOPER, STEPHEN R.
<u>08685193</u>	<u>5826880</u>	150	07/18/1996	MULTI-LEVEL CHESS GAME WITH ADDITIONAL CHESS PIECES	COOPER, STEPHEN R.
<u>08798745</u>	Not Issued	161	02/13/1997	TUNGSTEN CLUSTERS	COOPER, STEPHEN R.
<u>09275607</u>	<u>6135456</u>	150	03/24/1999	TARGET APPARATUS AND METHODS FOR PLAYING NEW TARGET GAMES	COOPER, STEPHEN R.
<u>60079244</u>	Not Issued	159	03/25/1998	TARGET PROJECTION AND SCOREKEEPING DEVICE FOR NEW COURT GAMES	COOPER, STEPHEN R.
<u>09552328</u>	<u>6550806</u>	150	04/19/2000	APPARATUS AND METHOD FOR DETERMINING DISTANCE UTILIZING A CONTINUOUSLY VARIABLE RATE SENSOR FOR VEHICLE OCCUPANT POSITION SENSING	COOPER, STEPHEN R. W.
<u>09678366</u>	<u>6495820</u>	150	10/02/2000	SENSOR APPARATUS AND METHOD FOR SENSING	COOPER, STEPHEN R. W.

				ANGULAR ROTATION OF AN OBJECT USING LIGHT REFLECTED OFF A ROTOR AND BIFURCATION COMPENSATION	
<u>09705495</u>	<u>6494284</u>	150	11/03/2000	SEAT ARRANGEMENT FOR A VEHICLE HAVING AN ACTUATABLE OCCUPANT PROTECTION DEVICE	COOPER, STEPHEN R. W.
<u>09865154</u>	<u>6947575</u>	150	05/24/2001	APPARATUS AND METHOD FOR DETERMINING VEHICLE OCCUPANT CHARACTERISTIC UTILIZING IMAGING WITH PROVIDED LIGHT	COOPER, STEPHEN R. W.
<u>09897377</u>	Not Issued	71	07/02/2001	Vehicle occupant sensor apparatus and method including scanned, phased beam transmission for occupant characteristic determination	COOPER, STEPHEN R. W.
<u>10104173</u>	<u>6914526</u>	150	03/22/2002	INTRUSION DETECTION SYSTEM USING LINEAR IMAGING	COOPER, STEPHEN R. W.
<u>10104559</u>	<u>6781676</u>	150	03/22/2002	STRUCTURED LIGHTING DETECTION OF VEHICLE OCCUPANT TYPE AND POSITION	COOPER, STEPHEN R. W.
<u>10425181</u>	Not Issued	121	04/29/2003	Misfire detection using acoustic sensors	COOPER, STEPHEN R. W.
<u>07427641</u>	<u>5036275</u>	150	10/26/1989	INDUCTIVE COUPLING POSITION SENSOR METHOD AND APPARATUS HAVING PRIMARY AND SECONDARY WINDINGS PARALLEL TO EACH OTHER	COOPER, STEPHEN R. W.
<u>07643536</u>	Not Issued	166	01/18/1991	LIQUID LEVEL SENSOR	COOPER, STEPHEN R. W.
<u>07974453</u>	<u>5367256</u>	150	11/12/1992	MULTI-TURN POSITION SENSOR HAVING VARIABLE COUPLING TRANSFORMER	COOPER, STEPHEN R. W.
<u>08030817</u>	<u>5397948</u>	250	03/12/1993	MAGNETIC MOTOR WITH TEMPERATURE RELATED ACTIVATION	COOPER, STEPHEN R. W.
<u>08275107</u>	Not Issued	166	07/14/1994	POWER WINDOW OR PANEL CONTROLLER	COOPER, STEPHEN R. W.

[Search and Display More Records.](#)

				product design system	MICHAEL
<u>07654725</u>	<u>5154237</u>	150	02/13/1991	DETONATION SUPPRESSION	COOPER, STEPHEN P.
<u>09350058</u>	<u>6276212</u>	150	07/08/1999	ULTRASONIC TRANSDUCER	COOPER, STEPHEN R W
<u>10110360</u>	Not Issued	94	10/29/2002	METHOD AND DEVICE FOR PERFORMING COOLING OR CRYO-THERAPIES, FOR, E.G., ANGIOPLASTY WITH REDUCED RESTENOSIS OR PULMONARY VEIN CELL NECROSIS TO INHIBIT ATRIAL FIBRILLATION EMPLOYING TISSUE PROTECTION	COOPER, STEPHEN R.
<u>10200028</u>	Not Issued	161	07/18/2002	Preparation of working fluid for use in cryotherapies	COOPER, STEPHEN R.
<u>10227327</u>	<u>6737415</u>	150	08/22/2002	ANTI-BACTERIAL AGENTS BASED UPON OXOANION BINDING	COOPER, STEPHEN R.
<u>10227400</u>	Not Issued	41	08/22/2002	Crystals of LuxP and complexes thereof	COOPER, STEPHEN R.
<u>10676770</u>	Not Issued	90	10/01/2003	ANTI-BACTERIAL AGENTS BASED UPON OXOANION BINDING	COOPER, STEPHEN R.
<u>10855549</u>	Not Issued	161	05/26/2004	Preparation of working fluid for use in cryotherapies	COOPER, STEPHEN R.
<u>10892590</u>	Not Issued	30	07/15/2004	Method and device for performing cooling- or cryo-therapies for, e.g., angioplasty with reduced restenosis or pulmonary vein cell necrosis to inhibit atrial fibrillation employing tissue protection	COOPER, STEPHEN R.
<u>60314683</u>	Not Issued	159	08/24/2001	Anti-bacterial agents based upon oxoanion binding	COOPER, STEPHEN R.
<u>60314705</u>	Not Issued	159	08/24/2001	Boron-containing bacterial quorum-sensing signals	COOPER, STEPHEN R.
<u>60437605</u>	Not Issued	159	01/02/2003	Apparatus and method for playing a lacrosse-like game	COOPER, STEPHEN R.
<u>60532039</u>	Not Issued	159	12/23/2003	Apparatus and method for playing a lacrosse-like game "Griddball"	COOPER, STEPHEN R.
<u>60638102</u>	Not Issued	20	12/22/2004	Apparatus and method for playing a lacrosse-like game "Griddball"	COOPER, STEPHEN R.
<u>06152518</u>	<u>4315482</u>	150	05/22/1980	THREE-DIMENSIONAL PHONETIC ALPHABET	COOPER, STEPHEN R.

<u>07982698</u>	5296593	250	11/30/1992	COMPLEXES OF THIOETHERS	COOPER, STEPHEN R.
<u>08090187</u>	Not Issued	166	07/23/1993	FLUORINATED COMPOUNDS AS OXYGEN TRANSPORT AGENTS	COOPER, STEPHEN R.
<u>08370239</u>	5621144	250	01/09/1995	FLUORINATED COMPOUNDS AS OXYGEN TRANSPORT AGENTS	COOPER, STEPHEN R.
<u>08433503</u>	5817777	150	05/12/1995	SUBSTITUTED CYCLOPENTANE COMPOUNDS FOR USE AS CHELATING AGENTS	COOPER, STEPHEN R.
<u>08481634</u>	5592616	150	06/07/1995	METHOD FOR PERFORMING EFFICIENT MEMORY TESTING ON LARGE MEMORY ARRAYS USING TEST CODE EXECUTED FROM CACHE MEMORY	COOPER, STEPHEN R.
<u>08504728</u>	5641472	150	07/20/1995	TUNGSTEN CLUSTERS	COOPER, STEPHEN R.
<u>08604285</u>	Not Issued	161	02/21/1996	MAGNETIC RESONANCE BLOOD POOL AGENTS	COOPER, STEPHEN R.
<u>08604286</u>	5693308	250	02/21/1996	MAGNETIC RESONANCE BLOOD POOL AGENTS BOUND TO HUMAN SERUM ALBUMIN	COOPER, STEPHEN R.
<u>08685193</u>	5826880	150	07/18/1996	MULTI-LEVEL CHESS GAME WITH ADDITIONAL CHESS PIECES	COOPER, STEPHEN R.
<u>08798745</u>	Not Issued	161	02/13/1997	TUNGSTEN CLUSTERS	COOPER, STEPHEN R.
<u>09275607</u>	6135456	150	03/24/1999	TARGET APPARATUS AND METHODS FOR PLAYING NEW TARGET GAMES	COOPER, STEPHEN R.
<u>60079244</u>	Not Issued	159	03/25/1998	TARGET PROJECTION AND SCOREKEEPING DEVICE FOR NEW COURT GAMES	COOPER, STEPHEN R.
<u>09552328</u>	6550806	150	04/19/2000	APPARATUS AND METHOD FOR DETERMINING DISTANCE UTILIZING A CONTINUOUSLY VARIABLE RATE SENSOR FOR VEHICLE OCCUPANT POSITION SENSING	COOPER, STEPHEN R. W.
<u>09678366</u>	6495820	150	10/02/2000	SENSOR APPARATUS AND METHOD FOR SENSING	COOPER, STEPHEN R. W.

				ANGULAR ROTATION OF AN OBJECT USING LIGHT REFLECTED OFF A ROTOR AND BIFURCATION COMPENSATION	
<u>09705495</u>	<u>6494284</u>	150	11/03/2000	SEAT ARRANGEMENT FOR A VEHICLE HAVING AN ACTUATABLE OCCUPANT PROTECTION DEVICE	COOPER, STEPHEN R. W.
<u>09865154</u>	<u>6947575</u>	150	05/24/2001	APPARATUS AND METHOD FOR DETERMINING VEHICLE OCCUPANT CHARACTERISTIC UTILIZING IMAGING WITH PROVIDED LIGHT	COOPER, STEPHEN R. W.
<u>09897377</u>	Not Issued	71	07/02/2001	Vehicle occupant sensor apparatus and method including scanned, phased beam transmission for occupant characteristic determination	COOPER, STEPHEN R. W.
<u>10104173</u>	<u>6914526</u>	150	03/22/2002	INTRUSION DETECTION SYSTEM USING LINEAR IMAGING	COOPER, STEPHEN R. W.
<u>10104559</u>	<u>6781676</u>	150	03/22/2002	STRUCTURED LIGHTING DETECTION OF VEHICLE OCCUPANT TYPE AND POSITION	COOPER, STEPHEN R. W.
<u>10425181</u>	Not Issued	121	04/29/2003	Misfire detection using acoustic sensors	COOPER, STEPHEN R. W.
<u>07427641</u>	<u>5036275</u>	150	10/26/1989	INDUCTIVE COUPLING POSITION SENSOR METHOD AND APPARATUS HAVING PRIMARY AND SECONDARY WINDINGS PARALLEL TO EACH OTHER	COOPER, STEPHEN R. W.
<u>07643536</u>	Not Issued	166	01/18/1991	LIQUID LEVEL SENSOR	COOPER, STEPHEN R. W.
<u>07974453</u>	<u>5367256</u>	150	11/12/1992	MULTI-TURN POSITION SENSOR HAVING VARIABLE COUPLING TRANSFORMER	COOPER, STEPHEN R. W.
<u>08030817</u>	<u>5397948</u>	250	03/12/1993	MAGNETIC MOTOR WITH TEMPERATURE RELATED ACTIVATION	COOPER, STEPHEN R. W.
<u>08275107</u>	Not Issued	166	07/14/1994	POWER WINDOW OR PANEL CONTROLLER	COOPER, STEPHEN R. W.

[Search and Display More Records.](#)

Day : Tuesday  
Date: 9/27/2005


**PALM INTRANET**

Time: 12:28:34

**Inventor Name Search Result**

Your Search was:

Last Name = COOPER

First Name = STEPHEN

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>08342573</u>	<u>5504427</u>	150	11/21/1994	ROTATIONAL POSITION SENSOR HAVING VARIABLE COUPLING TRANSFORMER	COOPER, STEPHEN R. W.
<u>09097091</u>	<u>5991234</u>	150	06/11/1998	ULTRASONIC SENSOR SYSTEM AND METHOD HAVING AUTOMATIC EXCITATION FREQUENCY ADJUSTMENT	COOPER, STEPHEN R. W.
<u>09249838</u>	<u>6199902</u>	150	02/12/1999	APPARATUS AND METHOD FOR DISCERNING AT LEAST ONE OCCUPANT CHARACTERISTIC VIA ABSORPTION OF AN ENERGY SIGNAL	COOPER, STEPHEN R. W.
<u>09551801</u>	<u>6507016</u>	150	04/18/2000	APPARATUS AND METHOD FOR SENSING A VEHICLE ROLLOVER CONDITION	COOPER, STEPHEN R.W.
<u>09644116</u>	<u>6448512</u>	150	08/22/2000	WEIGHT SENSING APPARATUS	COOPER, STEPHEN R.W.
<u>09679172</u>	<u>6459655</u>	150	10/04/2000	APPARATUS AND METHOD USING CONTROLLED EMISSION FOR SENSING AN OCCUPANT LOCATED BEYOND A PREDETERMINED DISTANCE	COOPER, STEPHEN R.W.
<u>09679327</u>	<u>6416080</u>	150	10/04/2000	APPARATUS AND METHOD FOR PROTECTING A VEHICLE OCCUPANT UTILIZING A CORRELATION BETWEEN AN OCCUPANT-ASSOCIATED CENTER AND	COOPER, STEPHEN R.W.

				A DISTANCE TO AN OCCUPANT-ASSOCIATED SURFACE	
<u>09687707</u>	<u>6431593</u>	150	10/13/2000	VEHICLE CRASH DETERMINATION ARRANGEMENT AND METHOD, UTILIZING CENTER OF GRAVITY, FOR AN OCCUPANT PROTECTION SYSTEM	COOPER, STEPHEN R.W.
<u>09704851</u>	Not Issued	161	11/02/2000	Apparatus and method of distance determination using controlled emission for occupant position sensing	COOPER, STEPHEN R.W.
<u>09704995</u>	<u>6563761</u>	150	11/02/2000	APPARATUS AND METHOD OF VEHICLE OCCUPANT SENSING USING MULTIPLE ULTRASONIC FREQUENCIES	COOPER, STEPHEN R.W.
<u>09776276</u>	<u>6631096</u>	150	02/02/2001	METHOD AND APPARATUS FOR DETECTING INTRUSION AND NON- INTRUSION EVENTS	COOPER, STEPHEN R.W.
<u>09817520</u>	<u>6578869</u>	150	03/26/2001	VEHICLE OCCUPANT POSITION SENSOR UTILIZING IMAGE FOCUS ATTRIBUTES	COOPER, STEPHEN R.W.
<u>09872527</u>	<u>6810133</u>	150	06/01/2001	OCCUPANT SENSING SYSTEM AND METHOD VIA IMAGING	COOPER, STEPHEN R.W.
<u>09897195</u>	<u>6810313</u>	150	07/02/2001	COMBINED OCCUPANT CHARACTERISTIC AND ACOUSTIC CRASH SENSOR ARRANGEMENT	COOPER, STEPHEN R.W.
<u>09924672</u>	Not Issued	161	08/08/2001	Apparatus and method for detecting intrusion and non- intrusion events	COOPER, STEPHEN R.W.
<u>09934624</u>	Not Issued	161	08/22/2001	In-vehicle human presence detection and aid system, and associated method	COOPER, STEPHEN R.W.
<u>10425561</u>	Not Issued	94	04/29/2003	DIESEL PARTICULATE FILTER MONITORING USING ACOUSTIC SENSING	COOPER, STEPHEN R.W.
<u>11079016</u>	Not Issued	30	03/11/2005	Powered panel moving system	COOPER, STEPHEN R.W.

<u>60338629</u>	Not Issued	159	12/11/2001	Shipment monitoring system incorporating collective consciousness	COOPER, STEPHEN R.W.
<u>60376307</u>	Not Issued	159	04/29/2002	Misfire detection using acoustic sensors	COOPER, STEPHEN R.W.
<u>60376309</u>	Not Issued	159	04/29/2002	Diesel particulate filter control using temperature sensing	COOPER, STEPHEN R.W.
<u>60376380</u>	Not Issued	159	04/29/2002	Diesel particulate filter monitoring using acoustic sensing	COOPER, STEPHEN R.W.
<u>07737389</u>	<u>5210490</u>	150	07/29/1991	LINEAR POSITION SENSOR HAVING COAXIAL OR PARALLEL PRIMARY AND SECONDARY WINDINGS	COOPER, STEPHEN R.W.
<u>07742272</u>	<u>5150615</u>	150	08/07/1991	LIQUID LEVEL SENSOR	COOPER, STEPHEN R.W.
<u>08023400</u>	<u>5369375</u>	150	02/26/1993	SINEWAVE GENERATING CIRCUIT AND AMPLITUDE DEMODULATOR	COOPER, STEPHEN R.W.
<u>08217611</u>	<u>5442435</u>	150	03/24/1994	FLUID COMPOSITION SENSOR USING REFLECTED OR REFRACTED LIGHT MONITORING	COOPER, STEPHEN R.W.
<u>08468122</u>	<u>5619133</u>	150	06/06/1995	SINGLE COIL POSITION AND MOVEMENT SENSOR HAVING ENHANCED DYNAMIC RANGE	COOPER, STEPHEN R.W.
<u>08508063</u>	<u>5729456</u>	150	07/27/1995	GLOW PLUG CONTROLLER	COOPER, STEPHEN R.W.
<u>08736786</u>	<u>6064165</u>	150	10/25/1996	POWER WINDOW OR PANEL CONTROLLER	COOPER, STEPHEN R.W.
<u>09096115</u>	<u>6338028</u>	150	06/11/1998	ULTRASONIC SENSOR SYSTEM AND METHOD HAVING INPUT CAPTURE FOR ECHO PROCESSING	COOPER, STEPHEN R.W.
<u>09197909</u>	<u>6094402</u>	150	11/23/1998	ULTRASONIC TRANSDUCER	COOPER, STEPHEN R.W.
<u>09468807</u>	<u>6341252</u>	150	12/21/1999	METHOD AND APPARATUS FOR CONTROLLING AN ACTUATABLE OCCUPANT PROTECTION DEVICE	COOPER, STEPHEN R.W.
<u>09770523</u>	<u>6842867</u>	150	01/26/2001	SYSTEM AND METHOD FOR IDENTIFYING MEMORY MODULES HAVING A FAILING OR DEFECTIVE	COOPER, STEPHEN RAY